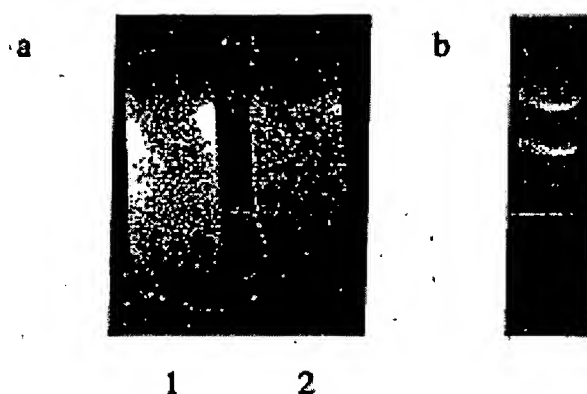


FIGURE 1

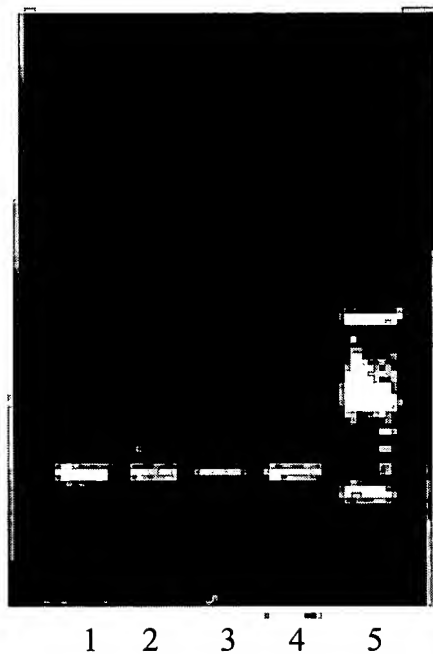


- c**
1. Alpha-1-antitrypsin
 2. Bone Morphogenetic Protein 2
 3. Cytokeratin 6
 4. Lambda Light Chain

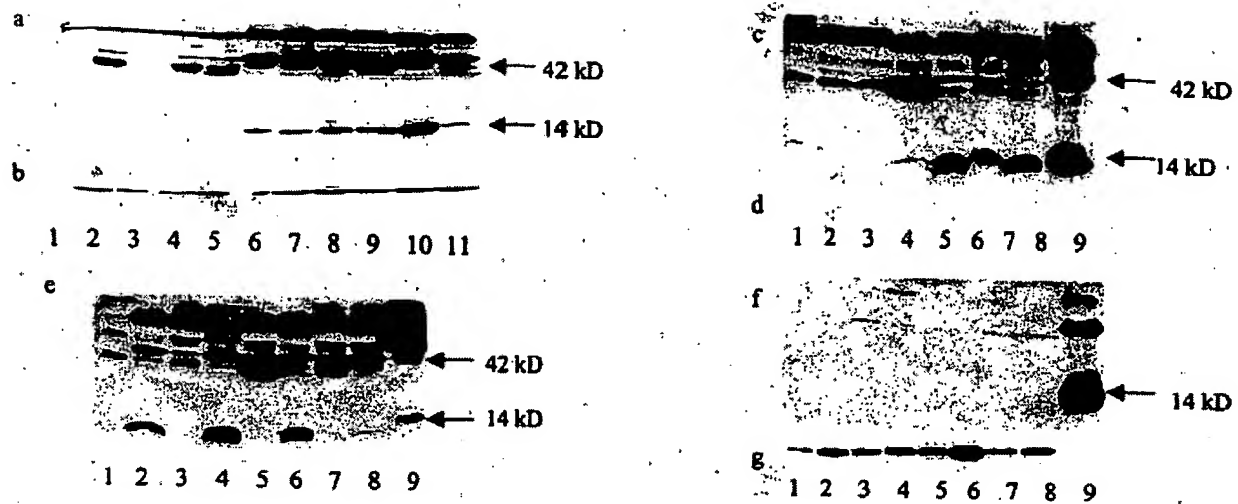
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FIGURE 2

RT-PCR for BMP-2 in Human Lung Tumors

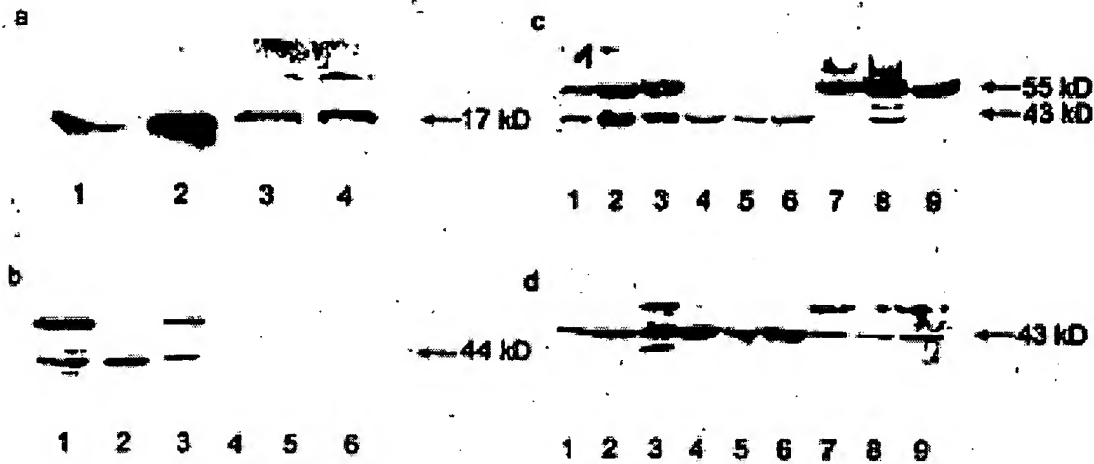


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FIGURE 3

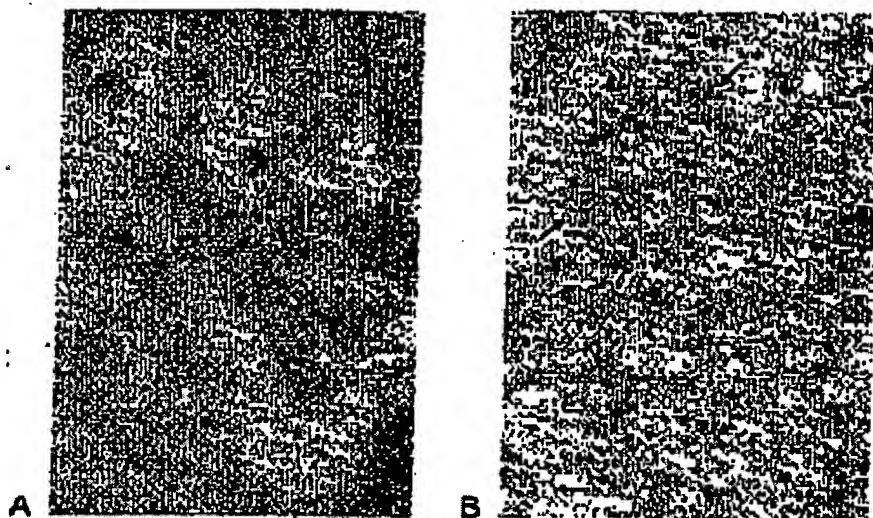
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FIGURE 4



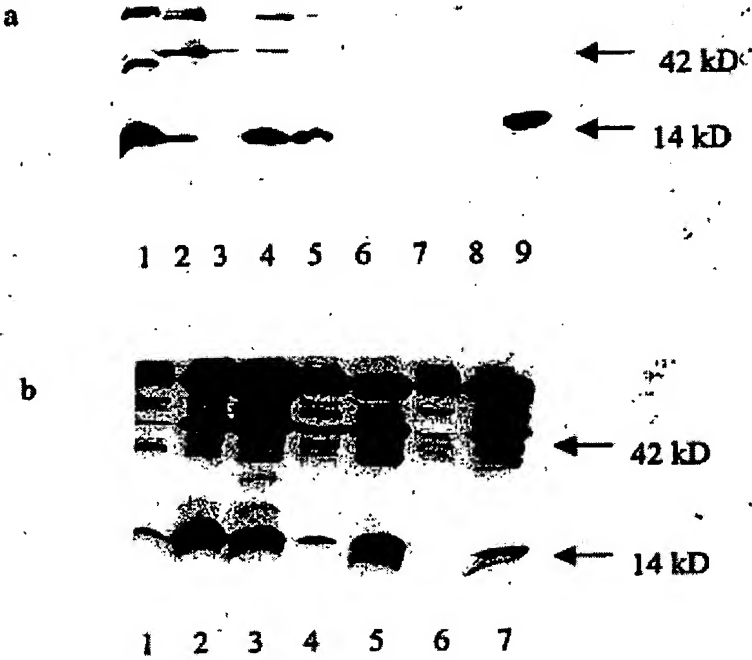
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FIGURE 5

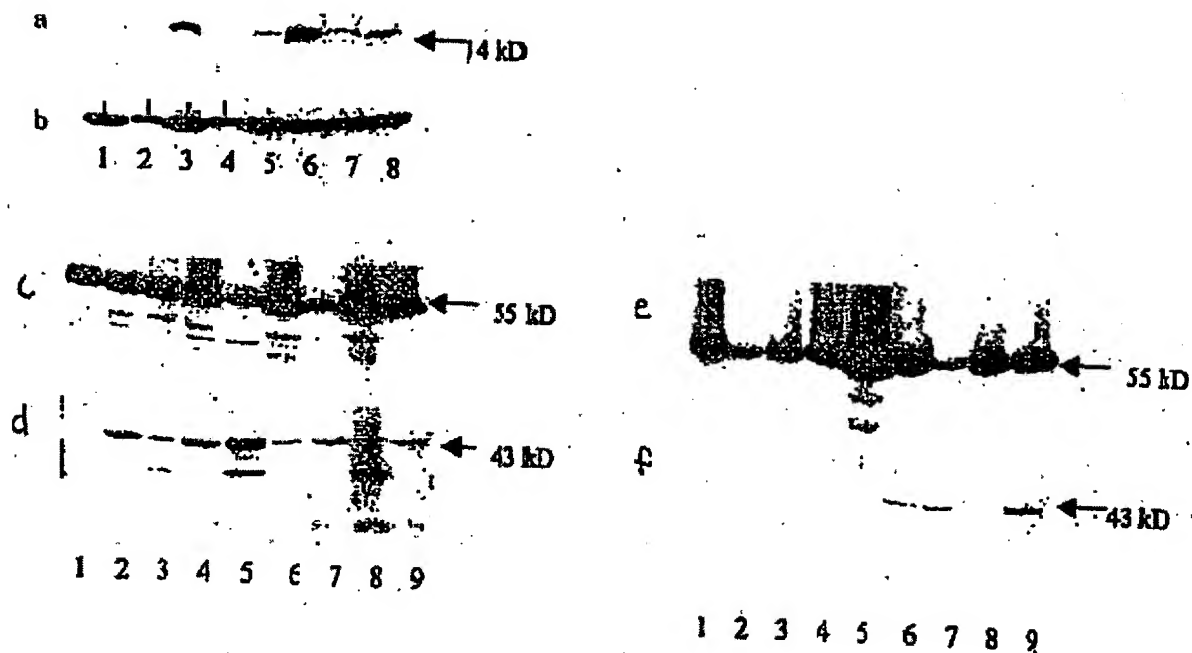


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FIGURE 6



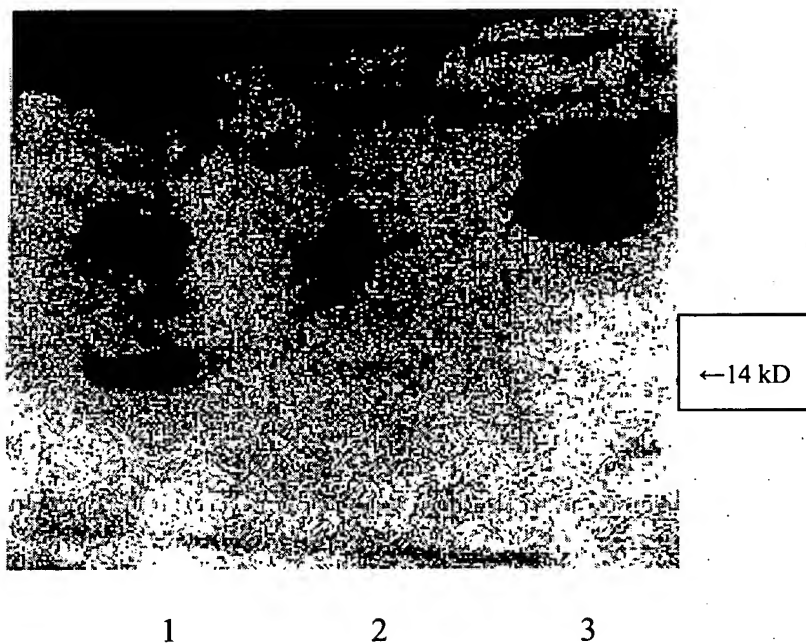
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FIGURE 7

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FIGURE 8

Western Blot of Serum Samples of Lung Cancer Patients



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FIGURE 9



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FIGURE 10

BMP Enhances Blood Vessel Formation as Compared to Controls



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FIGURE 11

BMP-2 Enhances Tumor Vasculature

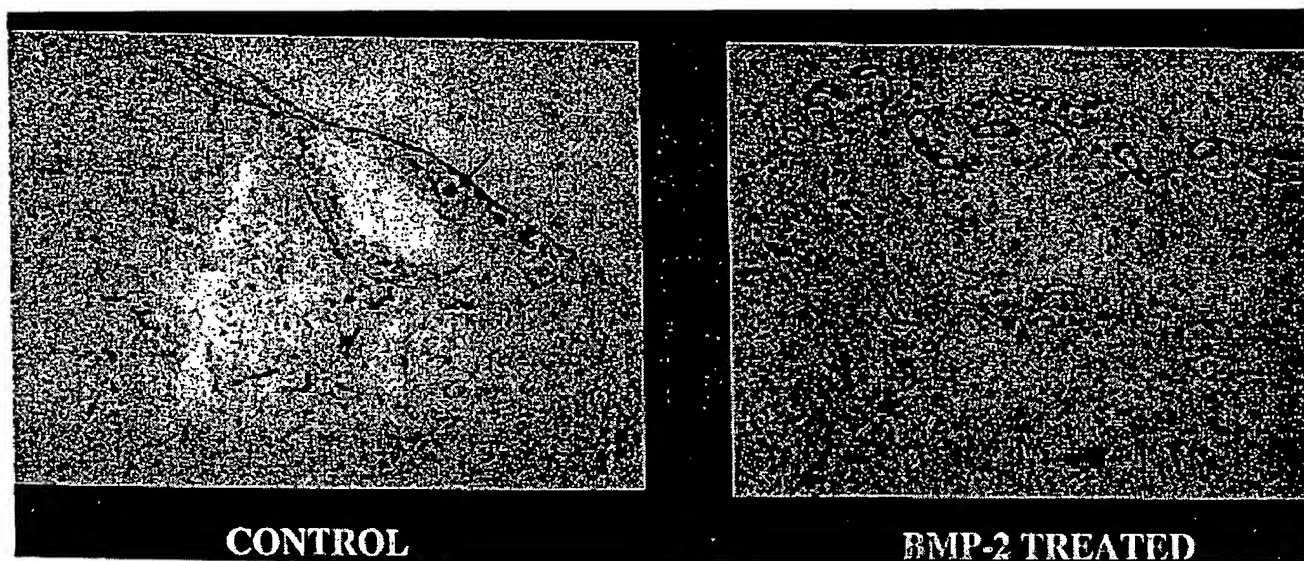
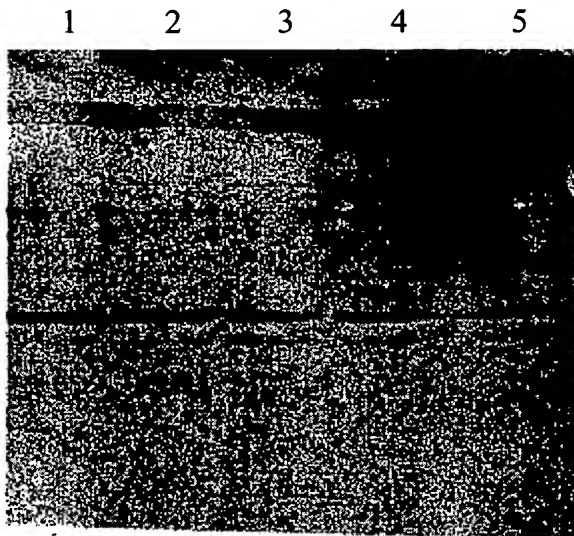


FIGURE 12

BMP-2 Regulated Sonic Hedgehog

12(a)



12(b)



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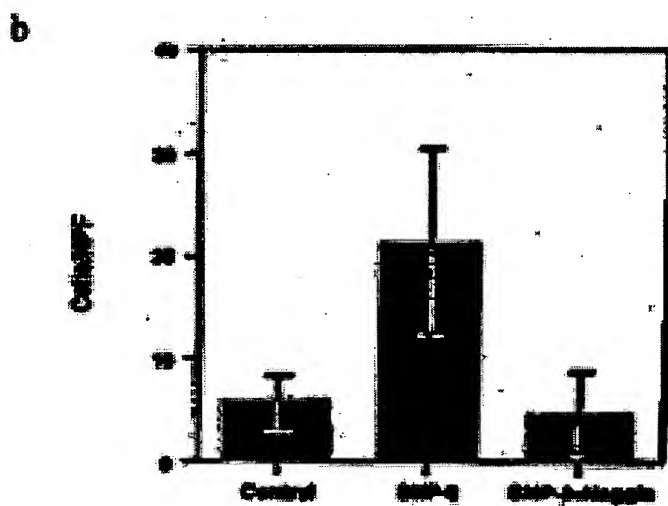
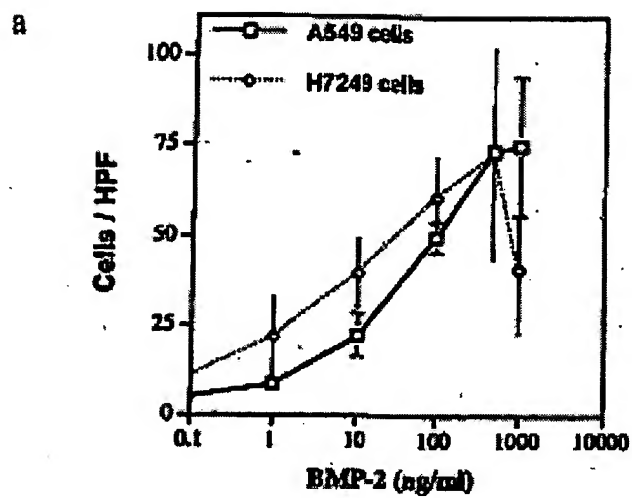
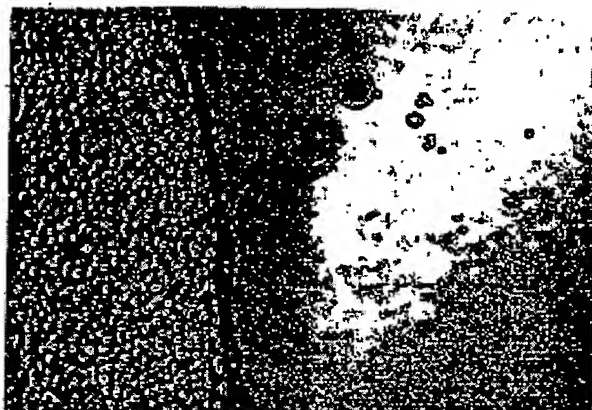
FIGURE 13(a) and 13(b)

FIGURE 13 (c) and 13 (d)

13(c)



13(d)



FIGURE 13(e)

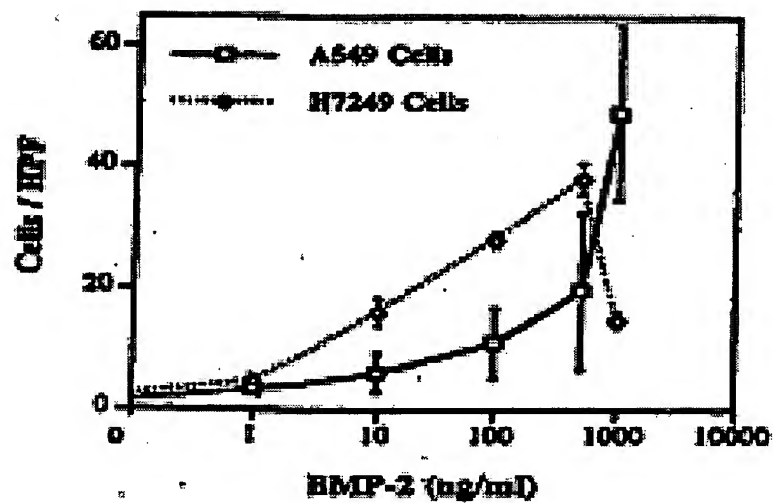
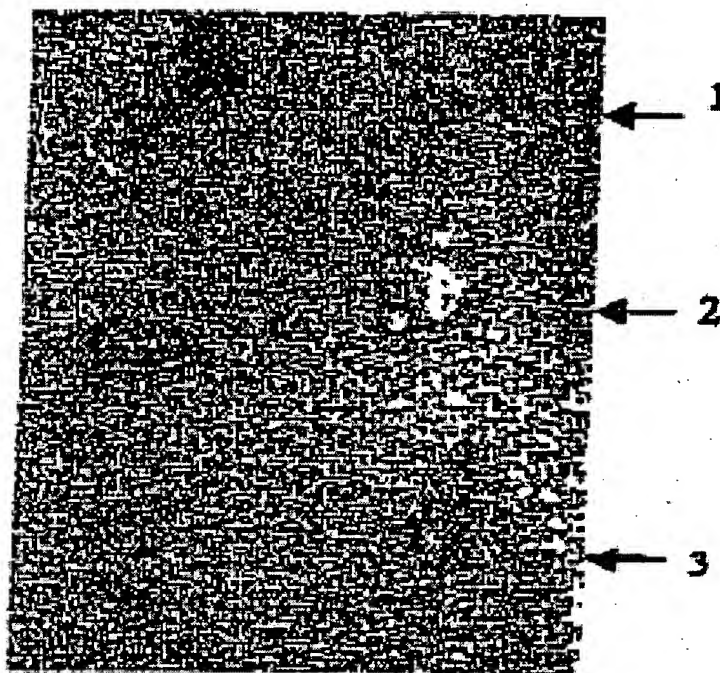


FIGURE 14

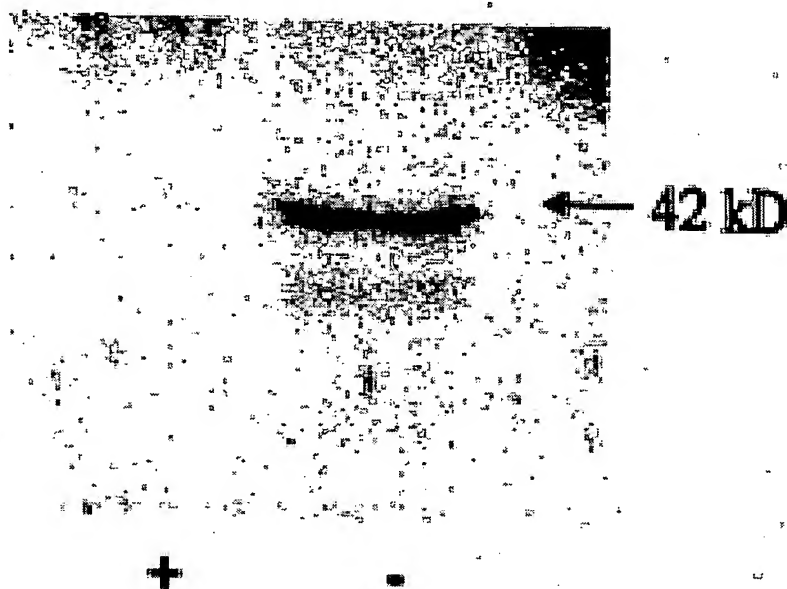


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FIGURE 15

Noggin Inhibits VEGF Expression in the A549 Lung Cancer Cell Line

15(a)



15(b)

	Secreted VEGF (ng/ml)
A549 + PBS	13,333
A549 + 300 ng/ml noggin	9,442
A549 + 500 ng/ml noggin	8,219

FIGURE 16



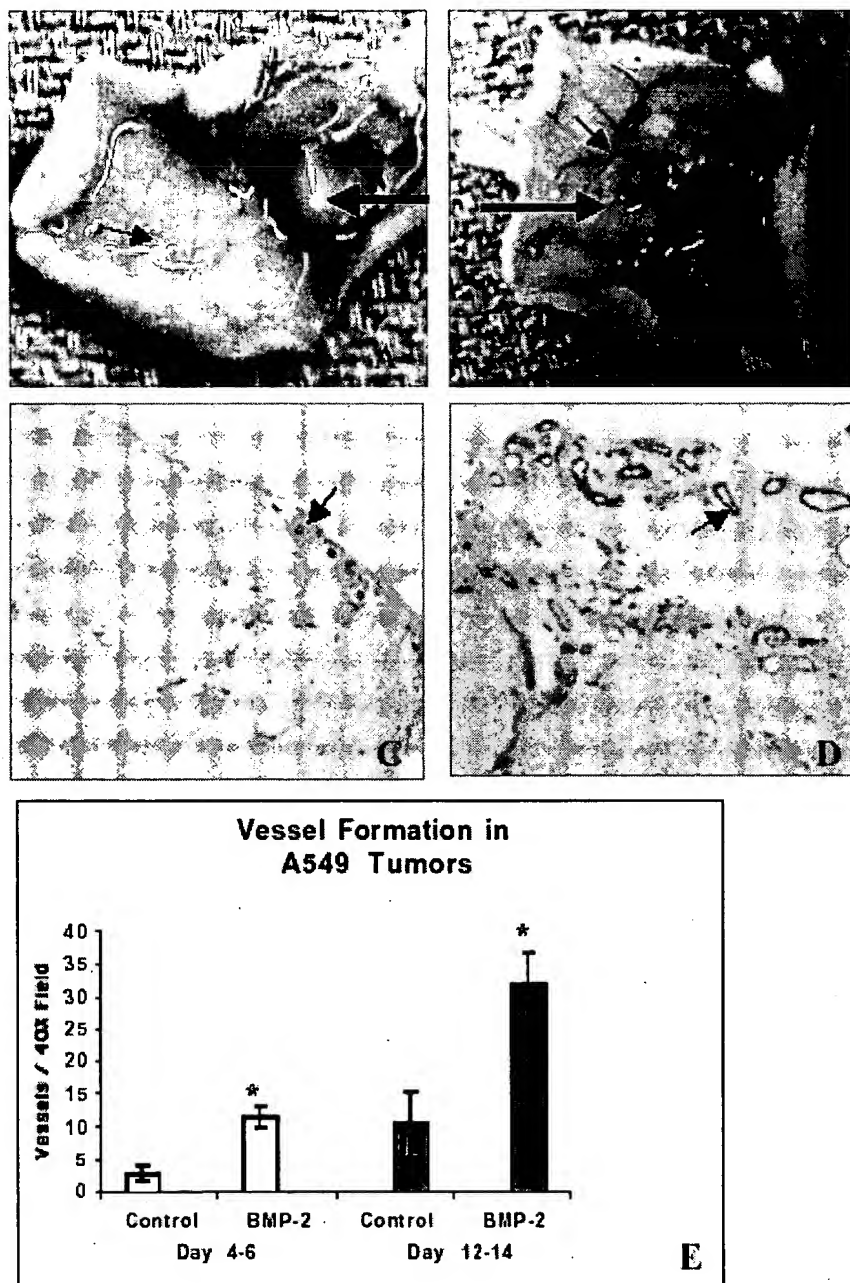
FIGURE 17

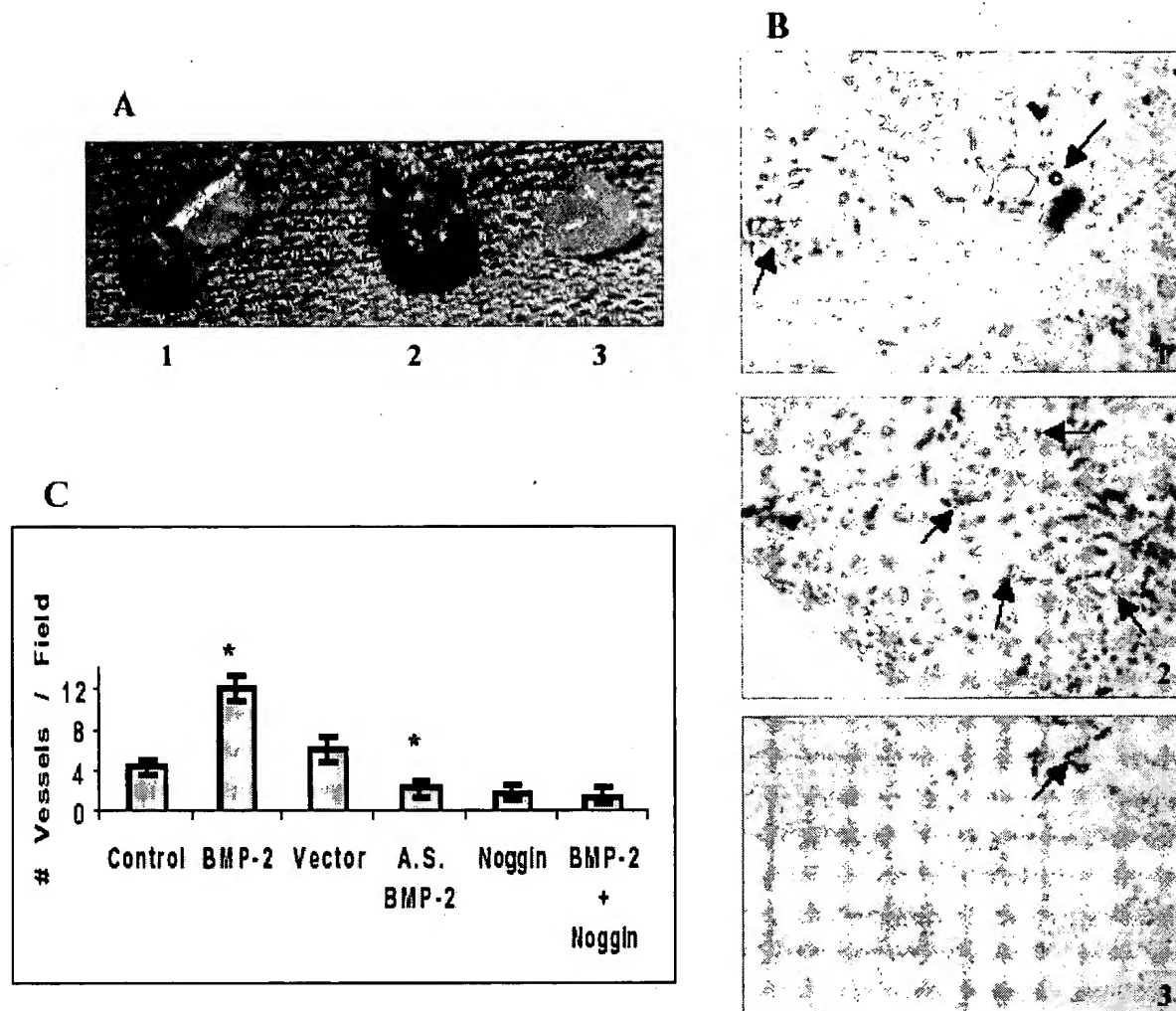
FIGURE 18

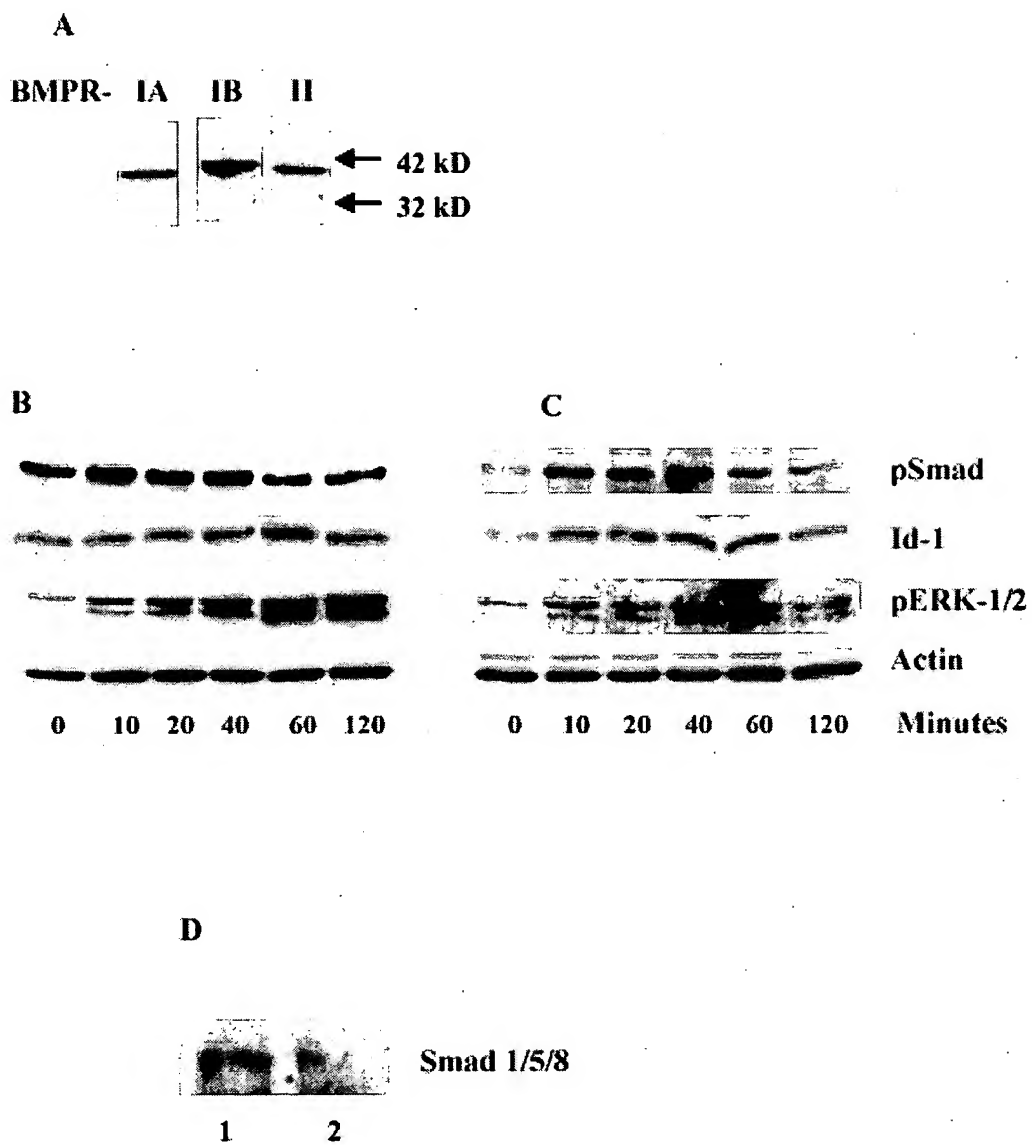
FIGURE 19

FIGURE 20(a)

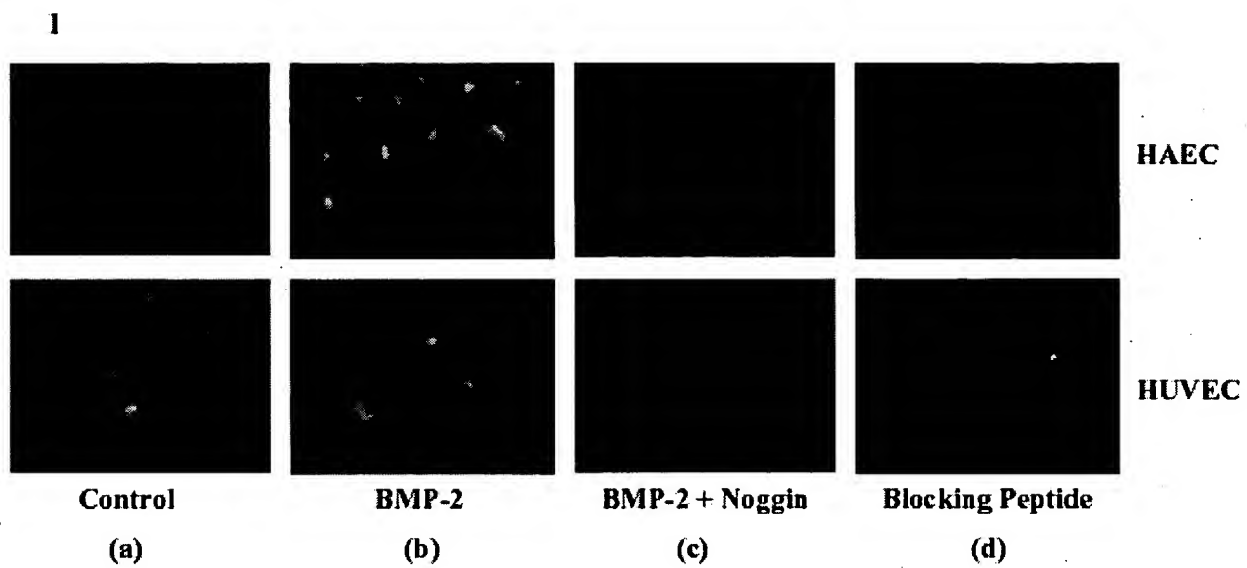


FIGURE 20(b)

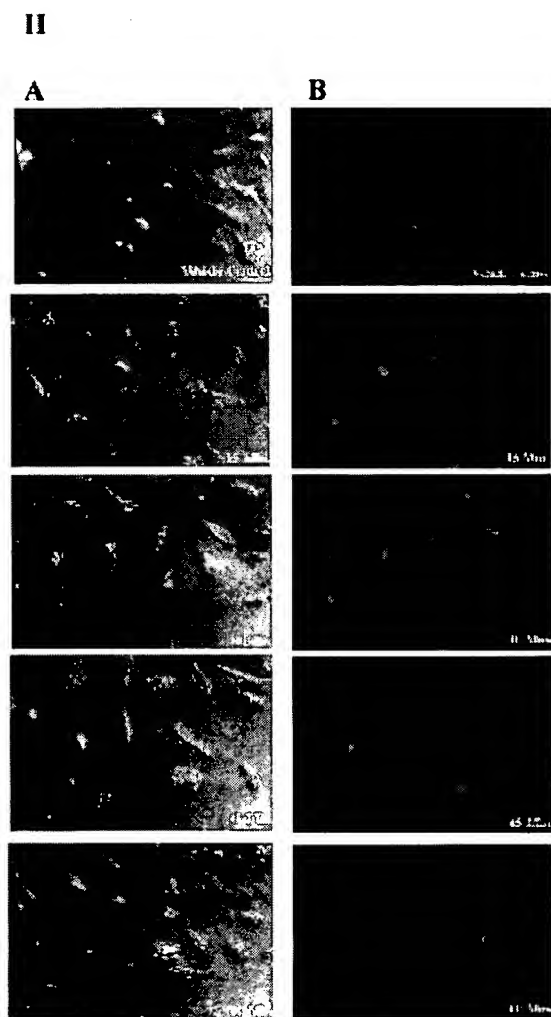


FIGURE 20(c)

	HAEC % Cells w/ Smad 1/5/8 Nuclear Staining	HUVEC % Cells w/ Smad 1/5/8 Nuclear Staining
Vehicle Control	8.0	12.5
15 Min	17.2	20.4
30 Min	44.9	43.8
45 Min	19.4	18.4
60 Min	9.0	11.4

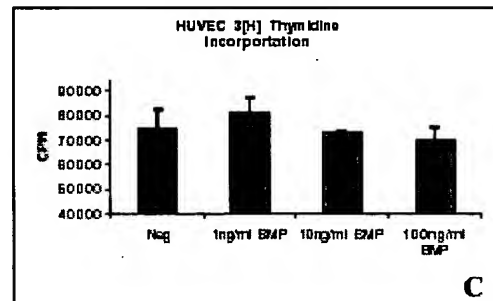
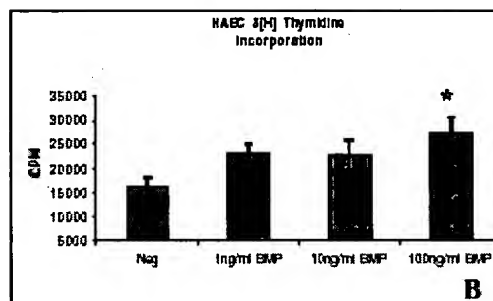
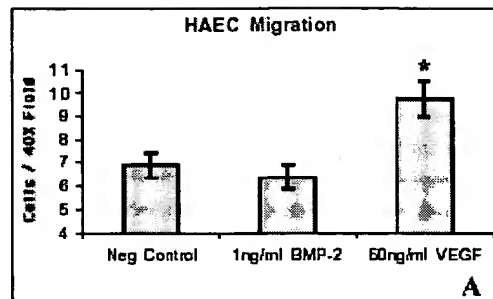
FIGURE 21

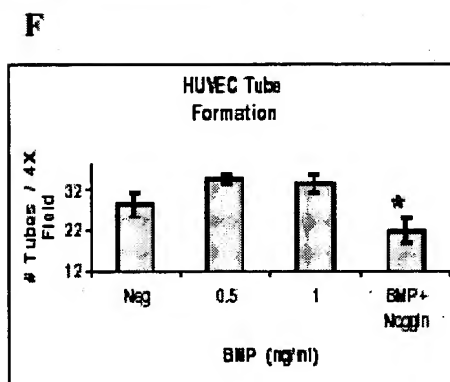
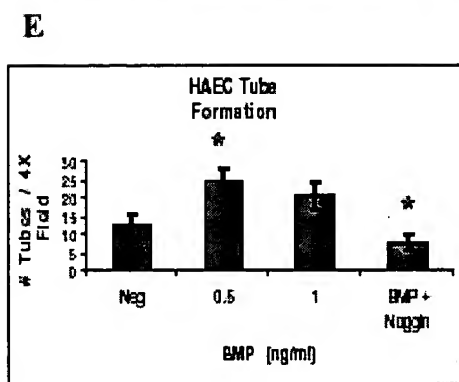
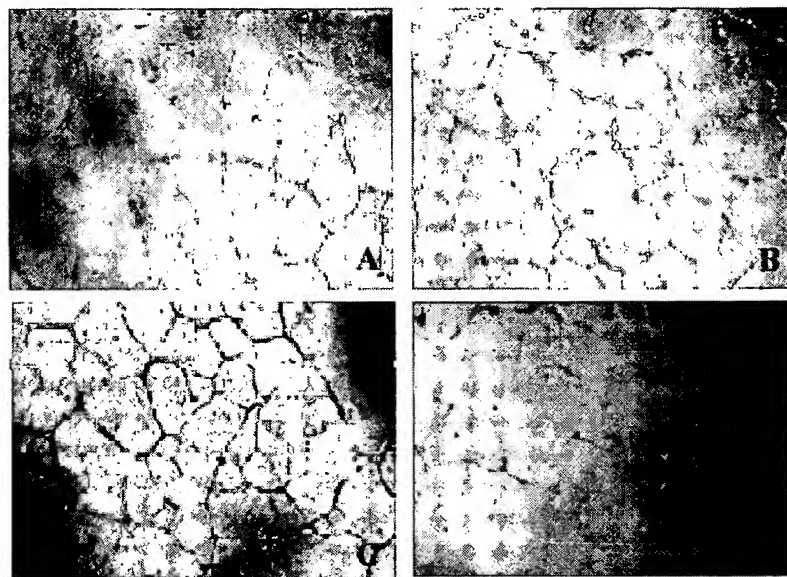
FIGURE 22

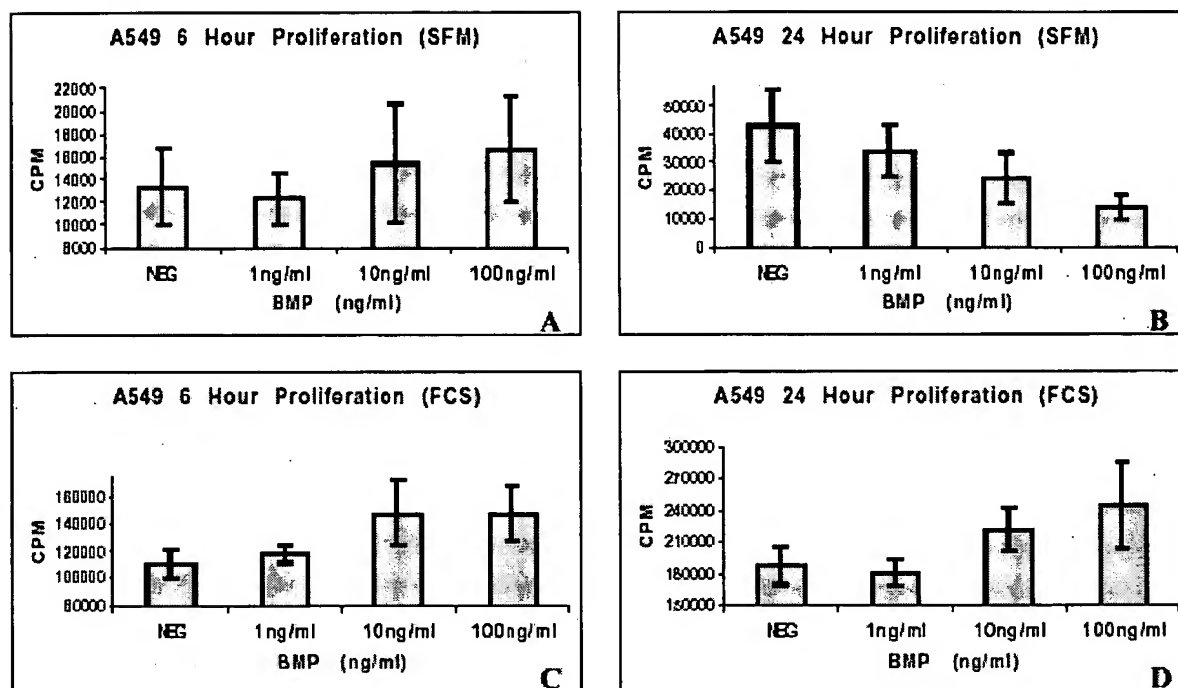
FIGURE 23

FIGURE 24

	5% FCS % Cells with Smad 1/5/8 Nuclear Staining	LHC-8 SFM % Cells with Smad 1/5/8 Nuclear Staining
Vehicle Control	3.3	2.0
15 Minutes	6.9	1.9
30 Minutes	18.0	2.5
120 Minutes	4.5	1.8

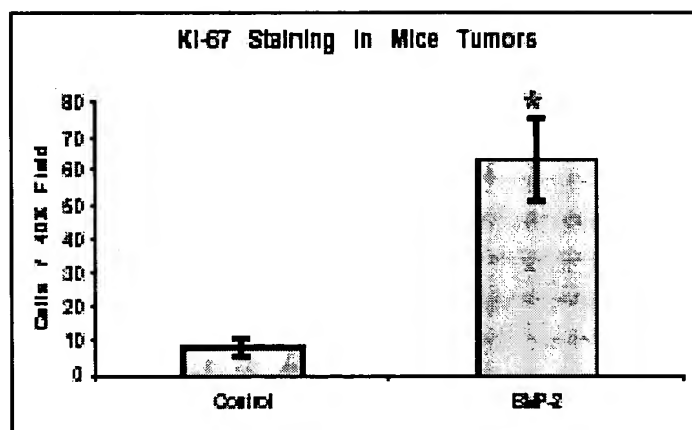
FIGURE 25

FIGURE 26

